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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/582,170	09/06/2000	Souhad Ayoub	192381US2PCT	7833

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EXAMINER

SHARMA, SUJATHA R

ART UNIT	PAPER NUMBER
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2681

DATE MAILED: 05/09/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/582,170	AYOUB ET AL.	
	Examiner	Art Unit	
	Sujatha Sharma	2681	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06 September 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-6,9-14 and 16-21 is/are allowed.
- 6) ☐ Claim(s) _____ is/are rejected.
- 7) ☒ Claim(s) 7,8,15 and 22 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) <u>8</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 112

Claim Objections

1. Claims 7,8,15,22 are objected to under 37 CFR 1.75(c) as being in improper form because of being a multiple dependent claim. See MPEP § 608.01(n). Accordingly, the claims 7,8,15 and 22 are not been further treated on the merits.

Allowable Subject Matter

2. The claims 1-6,9-14,16-21 are allowable over prior art.
3. The following is a statement of reasons for the indication of allowable subject matter:
The present invention is directed to a method and system for position management and to reduce signaling load in a mobile telephone system, which supports packet switched services. The procedure includes switching the mobile station between a first mode in a first state called the ready state and second state called the standby state depending on a time parameter which indicates a time during which the mobile station remains in a first state in order to after that change to second state and further characterized in the step to currently set the value of the time parameter depending on the current speed of the mobile station through the cell network of the mobile telephone system.

Claims 1,9,16 identify the uniquely distinct feature of “switching the mobile station between a first mode in a first state called the ready state and second state called the standby state depending on a time parameter which indicates a time during which the mobile station remains in a first state in order to after that change to second state and further characterized in the step to

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currently set the value of the time parameter depending on the current speed of the mobile station through the cell network of the mobile telephone system”.

The closest prior art, Kari [US 6,243,579], discloses a method and system for controlling the operating states of a mobile station in a packet radio system. Kari further discloses a mobile station that has an active state and a standby state and the mobile station changes from the active state to the standby state if there is no data transmission during a pre-determined period.

However, Kari fails to anticipate or render the above underlined limitations obvious.

Therefore the independent claims 1,9,16 and their dependent claims 2-6,10-14,17-21 are allowed

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Retzer [US 6,009,325] discloses a method of and apparatus for operating a cellular phone in one of two modes.

Josse [US 6,104,929] discloses a data packet radio service with enhanced mobility management.

Hasegawa [US 6,032,050] discloses a method for standby control in a mobile telecommunications network setting standby conditions conforming to different modes of communication and mobile unit using the same.


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Mustajarvi [US 6,512,756] discloses routing area updating in packet radio network.

6. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dwayne Bost can be reached on 703-305-4778. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9314 for regular communications and 703-872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3800.


Sujatha Sharma
May 2, 2003


DWAYNE BOST
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600